

STATE OF SOUTH AUSTRALIA

Rural Production, 1952-53.

This Bulletin repeats, with some minor corrections, the principal statistics relating to cereals and livestock recently published in Bulletins 7 and 11 and gives data concerning other crops, exports, manures used, implements, employment, etc. some items being provisional. Particulars of varieties of wheat, barley and oats were published in Bulletin 8.

In the various tables in this bulletin, production results of the year 1952-53 are compared with the same results of the previous 2 years and of the pre-war year 1938/39. In the text, figures for 1951-52 are shown in parentheses.

I. AREAS UNDER CROP.

Particulars	1938-39	1950-51	1951-52	1952-53
	Acres	Acres	Acres	Acres
Wheat for Grain	3,080,401	1,847,791	1,613,126	1,543,762
Barley for Grain	457,039	764,862	831,613	937,521
Oats for Grain	266,842	271,396	387,377	369,350
Rye for Grain	5,273	34,616	45,043	57,041
Peas - Field	16,570	16,126	18,232	24,525
Lucerne, Clover etc. Seed	2,342	22,289	42,653	36,033
Flax	4	1,198	1,599	1,624
Linseed	-	8,161	4,853	3,400
Hay	519,309	260,856	257,005	213,852
Green Fodder	276,021	341,269	386,940	287,332
Vines Wine (b) (c)	36,457	46,258	47,539	43,898
Drying, Table (b) (c)	21,563	15,713	13,675	16,705
Orchards (c)	28,943	28,686	29,375	28,784
Vegetables - Potatoes	4,290	6,969	6,971	9,231
Other Domestic	5,446	9,691	9,421	7,580
Nurseries	177	131	153	174
Chicory	31	95	68	37
Canary Seed	3,076	144	10	17
Other (a)	306	79	39	89
TOTAL CROPS	4,724,090	3,676,330	3,695,692	3,580,655

(a) Includes Vegetable Seeds, Herbs, Sunflower, Safflower, Tic Beans, etc.

(b) According to purpose for which grapes used during year.

(c) Private orchards and those not now being worked are being omitted as noted. This also applies to Vineyards.

Vegetables for 1952-53 (1951-52) include Green Peas 3,828 (4,189) Turnips and Swedes 350 (346), Carrots 250 (260), Onions 552 (620), Pumpkins, Tri-ambles etc. 664 (811), Tomatoes 880 (758), Cabbages 375 (402), Cauliflowers 445 (443), French Beans 318 (282), Beetroot 145 (167) Lettuce 289 (289) Celery 426 (391) acres. Cucumbers 68 (67), Rhubarb 140 (94) acres.

NUMBERS OF HOLDINGS ON WHICH CROPS GROWN. Cereal Crops of 20 acres or more were counted and there were 8,432 Wheat; 6,765 barley and 4,396 oats. Crops of 1 acre and over were:- 1,185 orchards of citrus fruits; 2,883 orchards of other fruit trees; 2,965 vineyards; 1,077 crops of potatoes and 224 of onions.

II. LAND UTILIZATION

In addition to the area under crop of 3,580,655 (3,695,692) acres, there were 1,118,181 (1,182,882) acres under fallow, 199,838 (129,608) of lucerne for grazing and 1,659,682 (1,028,440) of clover and grasses other than native grasses.

III. YIELDS OF CROPS

Particulars		1938-39	1950-51	1951-52	1952-53
Wheat	Bush	31,674,418	30,936,044	27,300,839	33,918,689
Barley	"	7,541,090	16,727,030	16,825,996	25,901,684
Oats	"	2,401,128	3,533,333	5,404,927	6,666,420
Rye	"	18,469	146,934	206,534	408,646
Peas - Field	"	96,329	241,995	286,080	444,010
Hay	Tons	585,554	362,162	379,978	317,462
Seeds (Clover etc)	Cwt.	2,967	24,669	43,541	31,308
Potatoes	Tons	18,487	35,955	43,898	43,880
Onions	"	3,892	5,242	6,302	5,500
Tomatoes	Bush	226,691	273,943	337,744	371,866
Green Peas. In pod	"	97,918	221,871	213,012	207,600
- do - Canning(Shelled)	lbs	-	1,151,042	1,287,862	345,299
Carrots	Tons	1,117	2,612	3,423	2,506
Currants	Cwt.	191,381	116,608	94,604	134,910
Sultanas	"	192,926	127,600	142,281	269,660
Raisins	"	40,212	29,802	17,703	63,443
Apples	Bush.	808,020	399,431	1,249,816	588,621
Apricots	"	343,569	499,170	507,340	531,268
Peaches	"	149,602	177,898	157,309	223,455
Pears	"	195,995	227,692	281,771	216,131
Plums, Prunes	"	134,030	114,890	129,393	94,564
Oranges	"	815,460	1,234,213	856,536	998,401
Lemons	"	55,862	62,795	50,686	46,299
Almonds	Cwt.	9,994	16,822	9,853	15,355

YIELDS PER ACRE

Wheat	Bush	10.28	16.74	16.92	21.97
Barley	"	16.50	21.87	20.23	27.63
Oats	"	9.00	13.02	13.95	18.05
Hay	Tons	1.13	1.39	1.48	1.48
April-November Rain	Inch.	10.00	11.21	16.10	15.19

Other Vegetable Yields for 1952-53 (1951-52) included - Parsnips 754 (698) tons, Swedes and Turnips 2,195 (2,722) tons; Beetroot 1,124 (1,964) tons; Pumpkins, Trimbles etc. 3,845 (5,014) tons; French Beans 65,503 (64,996) bushels; Broad Beans 5,758 (5,737) bushels, Cauliflowers 150,776 (154,912) dozen; Cabbages 181,432 (195,265) dozen, Lettuce 163,934 (159,801) cases, Celery 238,861 (201,600) crates; Silver Beet 13,861 (15,781) dozen bunches; Rhubarb 471 (517) tons, cucumbers 49,099 (54,529) half cases.

Other Fruit yields for 1952-53 (1951-52) included Cherries 47,210 (51,479), Figs 16,276 (22,237), Nectarines 27,982 (19,710), Grape Fruit 38,412 (33,182), Quinces 18,168 (24,429), Loquats 735 (1,306) bushels, Walnuts 504 (591) cwts.

Berry Fruits were:- Raspberries 480 (735), Strawberries 629 (480), Other 1,140 (1,013).

Oranges were specified as Navel 629,791 (552,257), Valencia 297,001 (239,625), Seville and Poorman 6,728 (7,084), Mandarins 25,087 (24,743) Other seeded types 35,794 (32,827) bushels.

Plums were 37,438 (62,052) and prunes 57,126 (67,341) bushels.

ENSILAGE made 11,670 (8,234) tons.

RECORD yields. Records have been as follows:- Wheat 1931-32 48,093,102 bushels, Barley 1952-53 25,901,684 bushels, Oats 1952-53 6,666,420 bushels, Wine 1951-52 26,800,726 gallons, Currants 1943-44 209,140 cwt., Sultanas 1943-44 333,300 cwt., Raisins 1940-41 89,557 cwt. Apples 1940-41 1,750,000 bushels, Oranges 1950-51 1,234,213 bushels, Pears 1948-49 310,860 bushels, Almonds 1949-50 17,937 cwt., Apricots 1943-44 551,734 bushels.

IV. OVERSEA EXPORTS (Years ended June)

Products		1938-39	1950-51	1951-52	1952-53
Barley	Bush	2,248,212	9,851,926	10,354,042	17,353,862
Wheat	Bush	18,486,303	15,197,392	16,522,333	12,968,144
Flour	Tons	86,676	128,817	115,199	135,231
Butter	Lb.	7,385,564	3,424,987	969,724	1,239,658
Cheese	Lb.	12,907,683	8,978,251	9,074,242	9,822,505
Eggs	£	98,911	654,653	321,745	1,090,731
Pork, bacon	Lb.	466,462	534,122	413,789	463,442
Mutton	Carc	3,299	22,623	1,446	272,201
Lamb	Carc	667,248	361,926	92,188	440,482
Wool(as greasy)	Lb.	87,272,802	108,042,000	108,183,000	131,286,717
Currants, raisins	Lb.	42,692,777	19,982,100	17,421,031	38,048,921
Tree fruits - fresh,dried etc.	£	275,074	620,788	848,510	1,128,063
Wine	Gall	3,440,509	1,048,946	989,937	988,150

V. MANURE USED

Particulars		1938-39	1950-51	1951-52	1952-53
Crops manured	Acres	4,281,419	3,251,559	3,172,638	3,139,239
Manure used	Tons	179,118	153,803	153,805	158,451
Cropped area manured	%	90.6	88.4	85.9	87.7
Manure per acre	lbs.	93.7	106.0	108.6	113.1
Pastures manured	Acres	1,095,120	1,859,400	2,150,159	2,321,743
Manure used	Tons	56,325	101,979	116,240	125,775
Manure per acre	Lbs.	115.2	122.8	121.1	121.3

The quantity of manure is that used for producing the crops grown in the seasons stated. In connection with top-dressed pastures, it is noted that 199,838 (129,608) acres of lucerne and 1,659,682 (1,028,440) acres of clover and grasses other than native grasses were grazed during the year, apart from lucerne, clover, etc. harvested for seed or hay.

Particulars of fertilisers used for 1952-53 were:-

	Area Manured		Super phosphate	Other Fertilisers	Total
	Acres		Tons	Tons	Lbs.
Wheat for Grain	1,468,417		66,825	503	102.70
Other Cereals, Hay	1,571,489		72,535	459	104.05
Vegetables	12,677		2,454	3,378	1030.51
Fruits, Vines	55,958		3,926	6,793	429.09
Other Crops	30,698		1,557	21	115.15
Total Crops	3,139,239		147,297	11,154	113.06
Pastures	2,321,743		124,976	799	121.35
GRAND TOTAL	5,460,982		272,273	11,953	116.58

Of the superphosphate used, 3,154 tons with trace elements were used on crops and 6,912 tons on pastures.

VI. LIVESTOCK ETC.

Particulars		1938-39	1950-51	1951-52	1952-53
Sheep	No.	9,936,586	10,166,513	11,470,088	12,036,514
Cattle -					
Dairy Cows	"	165,110	183,839	176,455	183,032
Other	"	153,787	248,727	261,013	299,546
Horses	"	195,834	71,215	63,285	57,354
Pigs	"	71,292	67,517	64,903	58,657
Ewes Mated	"	4,202,848	4,329,140	4,543,285	4,988,882
Lambs Marked	"	3,077,634	3,185,691	3,202,656	3,806,509
Butter Made	Lbs	20,716,584	17,402,326	18,213,439	17,900,000
Cheese Made	"	18,457,598	20,006,709	23,776,697	23,400,000
Milk Production	Gall.	72,500,000	83,550,000	86,500,000	86,100,000
Bacon and Ham	Lbs.	5,987,363	6,785,893	6,649,611	6,850,000
Slaughterings		1938	1950	1951	1952
Sheep, Lambs	No.	1,588,507	2,021,731	1,546,508	2,352,765
Cattle, Calves	"	167,451	217,688	215,665	186,685
Pigs	"	150,369	110,933	113,601	113,734

VII. MACHINERY, IMPLEMENTS

		1938-39	1950-51	1951-52	1952-53
Tractors	No.	5,969	16,128	18,184	19,750
Engines (stationary)	"	16,841	23,942	25,872	27,686
Rotary Hoes	"	531 b	1,286	1,550	1,856
Potato Diggers	"	N.A.	427	463	525
Hay Pressers and Balers	"	275 a	900	1,164	1,535
Spraying Plants (power driven)	"	N.A.	1,709	2,004	2,558
Electric Motors ($\frac{1}{2}$ H.P. & over)	"	N.A.	5,201	6,140	6,899
Milking Machines		684	4,590	4,909	5,418
Shearing Machines		2,976 a	8,134	9,054	9,733

a. 1942-43

b. 1943-44.

Increases are noted in power machinery such as tractors, engines, milking machines, shearing machines, rotary hoes etc. but the decrease in crop areas was reflected in decreases in drills, ploughs, binders, headers, etc. when last collected in 1949-50.

Details for 1952-53 were as follows:-

Tractors. Crawler or track type 3,021, Wheeled type 16,729
 Hay Presses and balers were:- Stationary 856, Pick-up 679.
 Milking Machines. Unit size 1 - 1,007, 2 - 2,633, 3 - 1,082, 4 - 510, 5 - 83, 6 - 89, Over 6 - 14, Total Units 12,642.
 Shearing Machines as per number of stands 1 - 3,800, 2 - 4,678, 3 - 794, 4 - 238, 5 - 88, 6 - 65, over 6 - 70, Total Stands 17,991.
 Other machinery on holdings in 1952-53 were:- Fertiliser distributors and broadcasters 5,090, Seed planters 2,279, Mowers 5,864, and Windmills (for water only) 28,438.
 Particulars are not available for 1952-53 but in 1949-50 there were 5,017 disc cultivators, 6,321 spring tooth cultivators, 6,530 rigid tine cultivators, 98,433 harrows (leaves). 2,806 scarifiers, 2,256 other cultivators, 718 seed planters, 16,790 grain drills (12,030 combine type 4,760 other), 6,722 hay rakes, 14,204 motor trucks and lorries.

VIII. PERSONS ENGAGED PERMANENTLY

Particulars		1938-39	1950-51	1951-52	1952-53
Males	No.	41,421	36,944	37,363	38,264
Females	No.	2,942	6,117	4,699	4,955
Persons	No.	44,363	43,061	42,062	43,219

Particulars have been collected under the following headings.

		Occupiers, Lessees, etc.		Unpaid Relatives		Paid Employees	
		1952	1953	1952	1953	1952	1953
Males	No.	27,213	27,435	1,732	1,688	8,418	9,141
Females	"	2,969	3,204	893	825	837	926

Wages and Salaries (including Value of Keep) 1952-53 (1951-52).
To Permanent Workers, Males £4,759,353 (£3,939,781), Females £224,144 (£182,629). To Temporary Workers, Males £3,084,007 (£2,709,713), Females £172,483 (£152,117).

IX BEEKEEPING

Allowing for varying good and bad seasons (usually alternating) it can be said that the production of honey and beeswax in recent years has been considerably greater than 10 years previously. During 1948-49 there was the record production of 10,906,372 lbs. of honey and of 140,384 lbs. of beeswax. For 1952-53 (1951-52) there were 7,656,393 (4,190,594) lbs. of honey and 102,733 (58,178) lbs. of beeswax. There were 1,180 (1,164) beekeepers with 76,094 (69,347) productive and 14,952 (23,254) unproductive hives. The number of beekeepers remains fairly constant.

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